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PTO/SB/21 (08-00)

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TRANSMITTAL FORM

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Application Number	10/643,401
Filing Date	AUGUST 19, 2003
First Named Inventor	RAYMOND G. FREULER, ET AL.
Group Art Unit	1772
Examiner Name	BRIAN P. EGAN
Attorney Docket Number	POWRD-015C

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MATTHEW A. NEWBOLES STETINA BRUNDA GARRED & BRUCKER
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Application No.: 10/643,401
Attorney Docket: POWRD-015C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	RAYMOND FREULER)	Confirmation No.	3992
)		
Serial No.:	10/643,401)	Art Unit:	1772
)		
Filed:	AUGUST 19, 2003)	Examiner:	B.P. EGAN
)		
For:	PREAPPLIABLE PHASE)		
	<u>CHANGE THERMAL INTERFACE PAD</u>)		

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. SECTION 1.97**

MAIL STOP DD
Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on form PTO/SB/08A and 08B enclosed herewith in duplicate. Copies of all disclosure documents are attached hereto for the Examiner's review. Please note that this is filed concurrently with one or more additional Information Disclosure Statements which were filed electronically on today's date. Attached are the Acknowledgement Receipts: reference EFS ID 50919.

No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached form (PTO/SB/08A and 08B) are printed in the English language and/or accompanied by and Abstract published in the English language.


The references listed herein, when taken alone or in combination, are not believed to disclose nor make obvious the invention as claimed in the subject application.

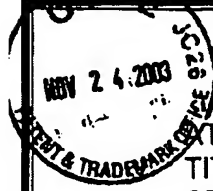
As these Information Disclosure Statements are being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action, it is believed that no fee is required. If any additional fee is required, please charge Account Number 19-4330.

Respectfully submitted,

Date: 11/19/03

Customer No.: 007663

By: 
Matthew A. Newboles
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Aliso Viejo, California 92656
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ATTORNEY DOCKET NO: POWRD-015C
TITLE: PREAPPLIABLE PHASE CHANGE THERMAL INTERFACE PAD
SERIAL NO.:10/643,401 FILING DATE: AUGUST 19, 2003

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Electronic Version 1.1

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**Title of
Invention**

PREAPPLIABLE PHASE CHANGE THERMAL INTERFACE PAD

Submission Type: Information Disclosure Statement

Application Number: 10/643401

***10/643401**

EFS ID: 50919

Server Response:

Confirmation Code	Message
ISVR1	Submission was successfully submitted – Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	3992
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First Named Applicant: RAYMOND FREULER

Attorney Docket Number: POWRD-015C

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us-ids	us-ids.dtd	776:
us-ids	us-ids.xsl	1202:
package-data	IDS-pkda.xml	187
package-data	package-data.dtd	2702:
package-data	us-package-data.xsl	1926:
Total files size		7423:

Message Digest: a63c0166af95c55d4978533e8cd21d5735dc2bb5

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Substitution for form 1449A/PTD INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/643,401
				Filing Date	08/19/2003
				First Named Inventor	RAYMOND FREULER
				Art Unit	1772
				Examiner Name	B.P. EGAN
				Attorney Docket Number	POWRD-015C
Sheet	1	of	1		

[illegible][illegible]

Examiner Signature		Date Considered	
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1 Applicant's unique citation designation number (optional). ² See Kind's Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Application Number	10/643,401
		Filing Date	08/19/2003
		First Named Inventor	RAYMOND FREULER
		Group Art Unit	1772
		Examiner Name	B.P. EGAN
		Attorney Docket Number	POWRD-015C
Sheet	1	of	0

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		POWER DEVICES, INC.; "Kapton MT Substrate Coated with High Performance Thermal Compound in Easy-to-Use Form"; MCM-Strate; 1996	
		POWER DEVICES, INC.; "Low Thermal Resistance and Excellent Electrical Insulation in One Clean, Reliable System"; ISOSTRATE; (Not Dated).	
		POWER DEVICES, INC.; "Adhesive-backed Aluminum Substrate with High Performance Thermal Compound in Easy-to-Use Form; MCM-STRATE; 1996	
		POWER DEVICES, INC.; "The Cost-Effective Solution to Thermal Interface Problems - Clean, Dry and Easy to Use"; THERMSTRATE; (Not Dated).	
		CHOMERICS; "THERMATTACH 404 AND 405 Thermally Conductive Adhesive Tapes"; CHO-THERM Thermal Interface Materials; Technical Bulletin 72; 1993	
		CHOMERICS; "THERMATTACH T413 AND T414 Thermally Conductive Adhesive Tapes"; Preliminary Product Data Sheet; 1994	
		CHOMERICS; "THERMFLOW T705 and T710 Low Thermal Resistance Interface Pads"; CHO-THERM Thermal Interface Material; Technical Bulletin 77; 1997	
		THE BERGQUIST COMPANY; "SIL-PAD Design Guided"; Spring 1993	
		Print out from www.dupont.com website: "Thermal Properties of Elvax Measured by Differential Scanning Calorimeter (DSC)"; 1997	

Examiner Signature		Date Considered	
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